SMP3 - Power Supply/Charger

Rev. DSSMP3_07162012

SMP3

Overview

This Altronix power supply/charger converts a low voltage AC input into a 6VDC, 12VDC or 24VDC output. This unit has a wide range of applications for access control, security and CCTV system accessories that require additional power.

Specifications

Input:

- 6VDC or 12VDC output use TP1640 or 24VDC output use T2428100.

Output:

- 6VDC, 12VDC or 24VDC selectable output.
- 2.5 amp continuous supply current.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.3 amp.
- Battery short circuit protection (circuit breaker).

Visual Indicators:

- AC input and DC output LED indicators.

Electrical:

- Operating temperature: –20º C to 49º C ambient.
- BTU/Hr.:
  - 6VDC: 5 BTU/Hr.
  - 12VDC: 10 BTU/Hr.
  - 24VDC: 18 BTU/Hr.
- System AC input VA requirement:
  - 6VDC/12VDC: 55.2VA.
  - 24VDC: 115VA.

Mechanical:

- Board Dimensions (L x W x H approx.): 3.5” (88.9mm) x 3” (76.2mm) x 2” (50.8mm)
- Product weight (approx.): 0.25 lbs. (0.113 kg.).
- Shipping weight (approx.): 0.35 lbs. (0.158 kg.).

Features:

- Extremely compact design.
- Includes battery leads.
- Snap Trac compatible (order Altronix model number ST3).

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